

**MOTOROLA**

FAX TRANSMITTAL SHEET

Motorola, Inc.  
Intellectual Property Section  
Law Department  
1303 E. Algonquin Rd.  
Schaumburg, IL 60196

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**OCT 25 2004**

35 Number of Pages (including this page)

Date: October 25, 2004

To: Examiner Torres, J. -- Group 2631

Location: United States Patent and Trademark Office

Fax No.: 703-872-9306

From: Steven A. May (Registration No. 44,912)

Subject: Serial No. 09/871,833 --Agami et al.

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**MESSAGE:**

Enclosed herewith, please find a RESPONSE Office Action and REFORMATTED SPECIFICATION for filing in the below-identified application.

**PLEASE GIVE THESE PAPERS TO:**

EXAMINER:	Torres, J.
GROUP ART UNIT:	2631
SERIAL NO.:	09/871,833
FILED:	June 1, 2001
INVENTOR:	Agami et al.
ATTORNEY DOCKET NO.:	CE08653R

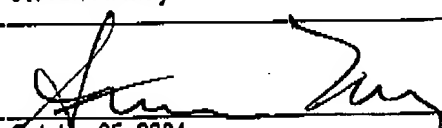
PTO/SB/21 (08-00)

<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>		Application Number		09/871,833	
		Filing Date		June 1, 2001	
		First Named Inventor		Agami et al.	
		Group Art Unit		2631	
		Examiner Name		Torres, J.	
Total Number of Pages in this Submission		4	Attorney Docket Number		CE08653R

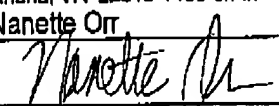
  

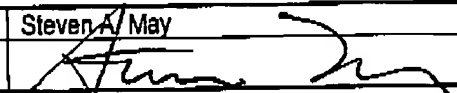
ENCLOSURES		(check all that apply)
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-Related papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CDs	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter with appropriate copies <input type="checkbox"/> Other Enclosure(s) (please identify below) <input type="checkbox"/> Response to Restriction Requirement <input type="checkbox"/> Associate Power of Attorney <input type="checkbox"/> RCE <input type="checkbox"/> Copy of Notice to File Missing Parts <input type="checkbox"/> Transmittal of Formal Drawings <input type="checkbox"/> Response to Notice of Non- Recording of Document
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual	Steven A. May	Registration No.	44,912
Signature			
Date	October 25, 2004		

CERTIFICATE OF TRANSMISSION	
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Typed or printed name	Nanette Orr
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Date	October 25, 2004

FEE TRANSMITTAL		Complete if Known																																																																																																																																																											
Patent fees are subject to annual revision		Application Number	09/871,833																																																																																																																																																										
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1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number <span style="border: 1px solid black; padding: 2px;">50-2117</span> Deposit Account Name <span style="border: 1px solid black; padding: 2px;">Motorola, Inc.</span>  <input checked="" type="checkbox"/> Charge Any Additional Fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or cash</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late Provisional filing</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td></tr> <tr><td>1812</td><td>2520</td><td>1812</td><td>2520</td><td>For filing a request for ex parte Reexamination</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>1805</td><td>1840*</td><td>1805</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>1261</td><td>110</td><td>2251</td><td>65</td><td>Extension for reply within first month</td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td></tr> <tr><td>1254</td><td>1450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td></tr> <tr><td>1265</td><td>1970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td></tr> <tr><td>1451</td><td>1510</td><td>1451</td><td>1510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - 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- PATENT -

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Agami et al. EXAMINER: Torres, J.  
SERIAL NO.: 09/871,833 ART UNIT: 2631  
FILED: 06/01/01 CASE NO.: CE08653R  
ENTITLED: METHOD AND APPARATUS FOR ADAPTIVE SIGNALING IN A  
QAM COMMUNICATION SYSTEM

Motorola, Inc.  
Corporate Offices  
1303 E. Algonquin Road  
Schaumburg, IL 60196  
October 25, 2004

**AMENDMENT AND RESPONSE**

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on <u>October 25 2004</u>	<u>10/25/2004</u>
Motorola, Inc.	Date
Name of applicant, assignee, or Registered Representative	
<u>[Signature]</u>	
Signature	

Mail Stop Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, Va. 22313-1450

Commissioner:

In response to an Office Action dated October 18, 2004, the applicants hereby  
respectfully submit the following amendment and response.